

WHAT IS CLAIMED IS:

1. An addressable tap capable of detecting number of TV sets online to watch CATV programs consisting of a main block and a cable connecting from the terminal of said main block and the user. Said main block consists of a main central processing unit (CPU) and RF switches that are electrically connected is featured by:

Said cable is equipped with a locking device at its user end and this locking device consists of a detection device and a sub-CPU that communicates with said main CPU; said detection device is electrically connected to the sub-CPU;

In case said locking device is plugged out, the detection device will detect the information and transmit it to said microprocessor, which will send the information to said main CPU. Said main CPU will instruct the RF switches to shut off CATV signals at the terminal.

2. An addressable tap capable of detecting number of TV sets online to watch CATV programs as defined in claim 1 is featured by:

Said main block also includes a power supply module and a filter and demodulator module. Said power supply module and filter and demodulation module are electrically connected to said main CPU.

3. An addressable tap capable of detecting number of TV sets online to watch CATV programs as defined in claim 1 or claim 2 is featured by:

The housing dimensions of said main block is within plus minus 30% of the standard housings of existing traditional non-addressable taps to make it possible to easily replace faceplates of existing traditional taps installed for enhancement.